



11-7-03

Please type a plus sign (+) inside this box → ☐

PTO/SB/21 (08-00)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

TRANSMITTAL FORM <i>(to be used for all correspondence after initial filing)</i>	Application Number	10/649,431	
	Filing Date	August 27, 2003	
	First Named Inventor	Macmillian Wisler	
	Group Art Unit		
	Examiner Name		
Total Number of Pages in This Submission	4+	Attorney Docket Number	AES 03-003

ENCLOSURES (check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment / Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input checked="" type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Assignment Papers (for an Application) <input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance Communication to Group <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Copy of 6 US Patents Copy of 1 Technical Paper
Remarks		Our self-addressed stamped postcard which we would appreciate your date stamping and returning to us upon receipt.

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	PD Holdings (USA), Inc. Patrick H. McCollum
Signature	<i>Patrick H. McCollum</i>
Date	6 Nov 03

CERTIFICATE OF MAILING	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, Washington, DC 20231 on this date: 11-6-03	
Typed or printed name	Carrie Baehler
Signature	<i>Carrie Baehler</i>
Date	November 6, 2003

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANTS: Macmillan Wisler
U.S. APPLICATION NUMBER: 10/649,431
U.S. FILING DATE: August 27, 2003
ATTORNEY DOCKET NO: AES 03-003
TITLE OF THE INVENTION: Electromagnetic Borehole Telemetry System
Incorporating a Conductive Borehole Tubular

GROUP ART UNIT

Assistant Commissioner for Patents
Mail Stop DD; P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Dear Sirs:

In accordance with §§ 1.56, 1.97 and 1.98 of Title 37 of the Code of Federal Regulations and pursuant to Applicant's duty of candor and good faith toward the United States Patent and Trademark Office, applicant discloses the following information items which constitute the most relevant information items of which persons substantively involved in the present application are aware. Pursuant to 37 CFR § 1.97(h) the information disclosed shall not be construed to be an admission of materiality to patentability.

Six (6) U.S. Patents and one (1) technical paper that relate to this invention are listed on the enclosed PTO/SB/08A & 08B and copies of these items are enclosed pursuant to § 1.98.

Respectively Submitted,

Patrick H. McCollum
Registration No. 29,410
363 N. Sam Houston Parkway East
Suite 1700
Houston, TX 77060
281-260-5616 Telephone
281-260-5670 Facsimile

Attorney for Applicant



PTO/SB/08A (10-01)
Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/649,431
				Filing Date	August 27, 2003
				First Named Inventor	Wisler, Macmillan
				Art Unit	
				Examiner Name	
Sheet	One	of	Two	Attorney Docket Number	AES 03-003

U.S. PATENT DOCUMENTS					
Examiner Initials ⁵	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code ² (if known)			
		us- 4,684,946	08-04-1987	Issenmann, Olivier	
		us- 5,163,714	11-17-1992	Issenmann, Olivier	
		us- 5,394,141	02-28-1995	Soulier, Louis	
		us- 5,945,923	08-31-1999	Soulier, Louis	
		us- 6,531,871B1	03-11-2003	Hay, Richard & Sand, Bryon	
		us- 6,628,206B1	09-30-2003	Soulier, Louis	
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			
		US-			

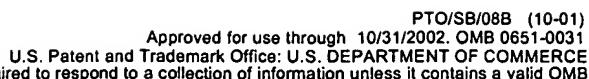
FOREIGN PATENT DOCUMENTS						
Examiner Initials ⁵	Cite No. ¹	Foreign Patent Document		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³	-Number ⁴ - Kind Code ⁵ (if known)			

Examiner Signature	Date Considered
-----------------------	--------------------

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Substitute for form 1449B/PTO

(use as many sheets as necessary)

Sheet	Two	of	Two
-------	-----	----	-----

Complete if Known

Application Number	10/649,431
Filing Date	August 27, 2003
First Named Inventor	Wisler, Macmillan
Group Art Unit	
Examiner Name	
Attorney Docket Number	AES 03-003

OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS

[illegible]

Examiner
Signature

Date Considered

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional). ² Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. **DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO:** Assistant Commissioner for Patents, Washington, DC 20231.